

## Dedusting project

### Silo top filter for concrete production

A German concrete plant is equipped with Inf Staub silo top filter type AM204 in order to dedust silo filling. The previously installed cartridge filters were designed too small. Therefore, the pressure relief valves of the silos again and again opened during the final surge at the end of the filling process and dust laden air was emitted into the atmosphere. In particular, the silo for flue ash was affected because of the dust particle properties.

When deciding for the appropriate filter type, the plant operator especially paid particular attention on the professional advice during planning.

The meanwhile installed pocket filter, type AM204, chosen because of consultation and coordination between operator and Inf Staub, ensure the demanded clean working environment.

#### Technical data

Filter type		Silo top filter 5 x AM 204, 1 x AM 304
Volume flow	[m <sup>3</sup> /h]	900 respectively 3.900 during final surge
Dust load	[g/m <sup>3</sup> ]	1-5
Filter surface	[m <sup>2</sup> ]	per filter 20 respectively 30
Filter material		Polypropylene

